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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/634,241	08/05/2003	Nobuhiro Sato	35997	6397

116 7590 02/23/2007
PEARNE & GORDON LLP
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CLEVELAND, OH 44114-3108

EXAMINER

BLOUIN, MARK S

ART UNIT	PAPER NUMBER
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2627

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/23/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/634,241

Applicant(s)

SATO ET AL.

Examiner

Mark Blouin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,5-14 and 16-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,5-8,11-14 and 16-19 is/are rejected.
- 7) ☒ Claim(s) 9 and 10 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 5/8/06.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☒ Other: Examiner's Drawing.

Detailed Action

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on February 6, 2007 has been entered.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1,5-8,11-14, and 16-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Takahashi et al (US 5,848,042).

3. Regarding Claims 1,13, and 16, Takahashi shows (Figs. 3-8) an electronic apparatus comprising a frame member (4) attached to a front part of an apparatus body; a movable member (5+6) movably supported on an inside of the frame member; and driving means (16) for moving the movable member, wherein the movable member is rotated around a first shaft (hinge pin that is inserted through arms 15a and 15b – detail in Figure 3), wherein an initial movement from an accommodation position inside the frame member of the movable member by the driving means has a movement component a forward direction (arrow b shows top of movable member moving forward and down ward as bottom slider 15a moves forward) with respect to the apparatus body

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at a position of the first shaft and a position of a front end of the moveable member which is at an opposite end and side to the first shaft, while a lower part of the movable member moves in forward and backward directions of the apparatus body by a driving operation of the driving means (16) to open and close the front part of the apparatus body (directions shown in figures 3A and 8, to final open position in Figure 9), and an upper end (top of movable member is moved downward) is displaced only in a downward direction in a vertical direction of the apparatus body when the movable member in the most erected state is rotated, and a component in a direction orthogonal to the forward direction in a position of a front end which is opposite to the first shaft is set in a direction of the first shaft side (directions shown in figure 3A to 8), wherein the first shaft (hinge pin that is inserted through arms 15a and 15b – detail in Figure 3) and the front end of the movable member initially move in parallel each other, when the movable member (5+6) moves from an accommodation position, wherein the driving means includes a sliding member (15a and 15b) for moving a lower part of the movable member in forward and backward directions, and the first shaft (hinge pin that is inserted through arms 15a and 15b – detail in Figure 3) is rotatably coupled to the sliding member, wherein the movable member has a second shaft (See Examiner's Drawing) in both side portions, and the frame member has a guide groove (See Examiner's Drawing) for slidably guiding the second shaft.

4. Regarding Claims 5 and 6, Takahashi shows (Figs. 3-8) the electronic apparatus, further comprising an energizing means, a spring (8), for forward energizing the second shaft side of the movable member in the accommodation position.

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5. Regarding Claim 7, Takahashi shows (Figs. 3-8) the electronic apparatus wherein the guide groove (See Examiner's Drawing) has an upper end for guiding the second shaft in a forward direction with respect to the apparatus body.

6. Regarding Claim 8 and 14, Takahashi shows (Figs. 3-8) the electronic apparatus wherein the driving means (16) includes a sliding member (15a, 15b) for moving a lower part of the movable member in forward and backward directions, the first shaft (See Examiner's Drawing) is rotatably coupled to the sliding member (15a, 15b), the movable member has a second shaft (See Examiner's Drawing) in both side portions, the frame member has a guiding the second shaft, and the front end of the movable guide groove for slidably member, the second shaft, and the first shaft are positioned from a forward side to a rearward side of the apparatus body in this order.

7. Regarding Claims 11 and 12, Takahashi shows (Figs. 3-8) the driving and positioning methods, respectively, by virtue of the operation and function of the apparatus.

8. Regarding Claim 17, Takahashi shows (Figs. 3-8) the electronic apparatus wherein the driving means includes a sliding member (15a,15b) for moving a lower part the apparatus body in forward and backward directions, and the first shaft (See Examiner's Drawing) is rotatably coupled to the sliding member.

9. Regarding Claim 18, Takahashi shows (Figs. 3-8) the electronic apparatus, wherein the movable member (5+6) has a second shaft (See Examiner's Drawing) in both side portions, and the frame member has a guide groove (See Examiner's Drawing) for slidably guiding the second shaft.

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10. Regarding Claim 19, Takahashi shows (Figs. 3-8) the electronic apparatus, wherein the driving means includes a sliding member (15a,15b) for moving a lower part of the apparatus body in forward and backward directions, the first shaft (See Examiner's Drawing) is rotatably coupled to the sliding member, the movable member has a second shaft (See Examiner's Drawing) in both side portions, the frame member has a guide groove (See Examiner's Drawing) for slidably guiding the second shaft, and the first shaft, the front end of the movable member, and the second shaft (See Examiner's Drawing) are positioned from a forward side to a rearward side of the apparatus body in this order.

Allowable Subject Matter

11. Claim 9 and 10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Blouin whose telephone number is 571-272-7583. The examiner can normally be reached on M-F from 6:00 to 3:30 pm.

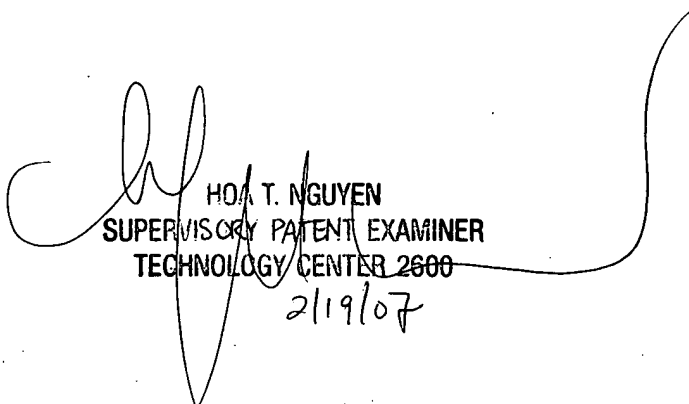
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hoa Nguyen, can be reached on 571-272-7579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

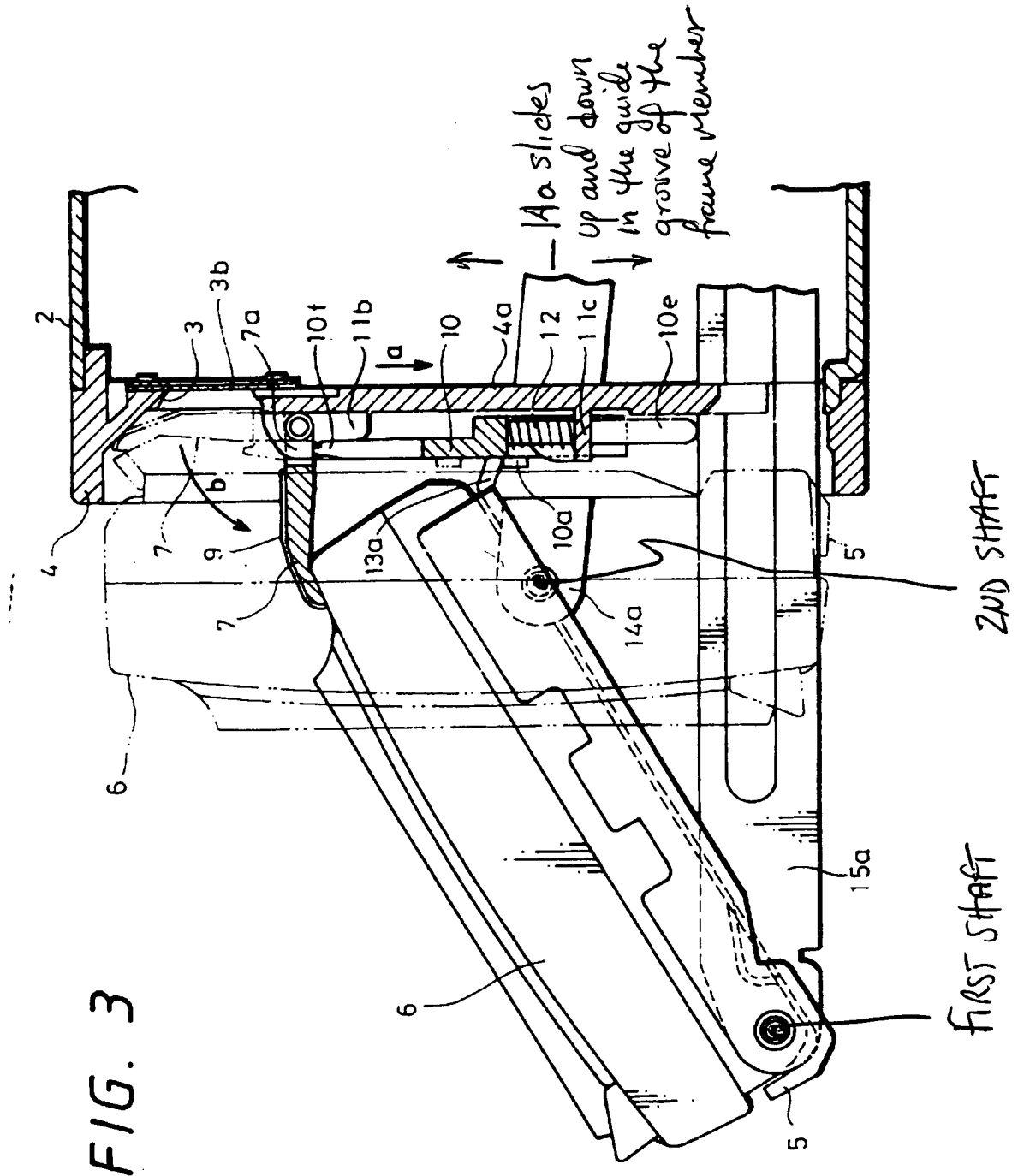
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

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applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mark Blouin
Patent Examiner
Art Unit 2627
February 13, 2007


HOA T. NGUYEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600
2/19/07



EXAMINER'S DRAWING